

M12 male 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA 7,5m

⚠ NOTICE ⚠ PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight

M12, 5-pole

shielded

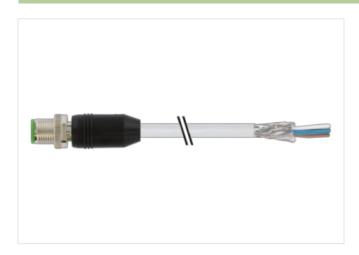
with cable sleeves

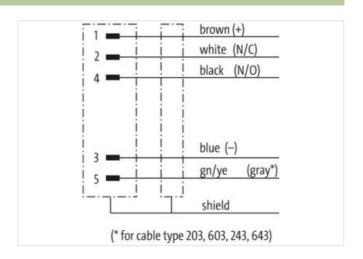
Plastic housings with good resistance against chemicals and oils.

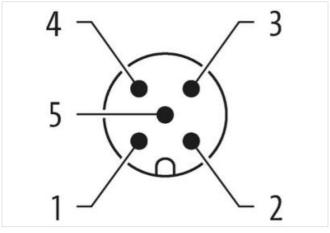
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

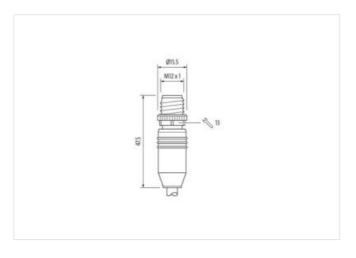
Link to Product

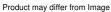
Illustration

























stay connected

Cable length	7,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-0.1	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879338530
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	ı
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03



stay connected

Environmental characteristics Climatic Operating temperature min.	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min.	Mechanical data Mounting data	
Operating temperature min. Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature range Conformity Froduct standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 351 Jacket Color gray Amount stranding 1 Stranding 5 wires twisted Cable ishelding (type) copper braiding, bare wire arrangement brown, white, blue, black, gray Material jacket PUR Outer-diameter (sheath) 1 ± 5 % Material wire insulation PP Amount wires 5 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (istatic) 40 °C Max. operating temperature (isted) 80 °C Operating temperature max. (dynamic) 80 °C Flame resistance Good, application-related testing Onle resistance Good, application-related testing Enrich Max (fixed) Enrich gradus (fixed) Enrich gradus (fixed) Enrich gradus (fixed) Oil v Cuter diameter Oil resistance Good, application-related testing Enrich Goods (fixed) Enrich gradus (fixed) Enrich Goods (fixe	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 351 Jacket Color gray Amount stranding 1 Stranding 5 wires twisted Cable shielding (type) copper braiding, bare wire arrangement brown, white, blue, black, gray Material jacket PUR Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Operating temperature (in. (dynamic) 20 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Cperating temperature max. (dynamic) 80 °C Cperating temperature max. (dynamic) Good, application-related testing Gasoline resistance Good, application-related testing IDIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Environmental characteristics Climatic	
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Material jacket PUR Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Cable shielding (type)	copper braiding, bare
Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	wire arrangement	brown, white, blue, black, gray
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Amount wires 5 Conductor crosssection (wire) 0,34 mm² Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Tolerance outer diameter (sheath)	± 5 %
Conductor crosssection (wire) O,34 mm² Current load capacity (standard) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Material wire insulation	PP
Current load capacity (standard) to DIN VDE 0298-4 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Amount wires	5
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Conductor crosssection (wire)	0,34 mm ²
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 15 x Outer diameter	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter